

ATTACHMENT A – STAFF REPORT

ECONOMIC BENEFIT CALCULATIONS

CONSIDERATION OF
ADMINISTRATIVE CIVIL LIABILITY ORDERS
FOR
VIRGINIA L. DRAKE, TRUSTEE
DRAKE REVOCABLE TRUST
HUMBOLDT ROAD BURN DUMP AREA 8, APN 011-780-018
AND
HUMBOLDT ROAD BURN DUMP AREA 7, APN 011-780-018

PERMIT COST DELAY BENEFIT	
Assumed Interest Rate	=5% per annum
Estimated Application Cost	=\$5,000
Cost for Five Applications	=(5,000 x 5) = \$25,000
Benefit for Permit Delay	((25,000 x 0.05)/365 days) x 422 days) = \$1,445

CLEANUP DELAY BENEFIT	
Area 7	=500 cubic yards of waste estimated
Area 8	=7,500 cubic yards of waste estimated
Total Waste	=8,000 cubic yards (500 + 7,500 cubic yards)
Area 7 and 8, Cost to Class I Landfill, Discharger's Chosen Method	= \$1,400,000 @ \$175/cubic yard
Area 7 Cost	=(1,400,000/8,000 cubic yards) x 500 cubic yards = \$87,500
Area 8 Cost	=(1,400,000/8,000 cubic yards) x 7,500 cubic yards = \$1,312,500
Area 7 and 8 Cost to HRBD, Simmons' Chosen Method	= \$200,000 @ \$25/cubic yard
Area 7 Cost	=(200,000/8,000 cubic yards) x 500 cubic yards = \$12,500
Area 8 Cost	=(200,000/8,000 cubic yards) x 7,500 cubic yards = \$187,500
From 15 August To 23 September 2005, Assuming Class 1 Landfill	
Area 7	=((\$87,500 x 0.05)/365 days) x 39 days) = \$467
Area 8	=((\$1,312,500 x 0.05)/365 days) x 39 days) = \$7,012
From 24 September 2005 Until 26 May 2006, End Of School Session	
Area 7	=((\$87,500 x 0.05)/365 days) x 244 days) = \$2,925
Area 8	=((\$1,312,500 x 0.05)/365 days) x 244 days) = \$43,870

SUBTOTAL COST BENEFIT FOR PERMITS AND CLEANUP DELAYS	
Area 7	=(1,445 + \$468 + \$2,925) = \$4,837
Area 8	=(1,445 + \$7,012 + \$43,870) = \$52,327

ESTIMATED MONTHLY OR TECHNICAL REPORT COST = 1,000; ASSUMING CONSULTANT CHARGE @\$100/HR AND 10 HRS/REPORT	
Cost Benefit	May, June, July, August 2005 technical reports = (\$1,000 x 4)= \$4,000
Cost Benefit	Regulatory permitting technical report = \$1,000
Cost Benefit	Off-site disposal alternative/revised transportation technical report = \$1,000
SUB TOTAL, COST BENEFIT, TECHNICAL REPORT AVOIDANCE = \$6,000	

REGIONAL BOARD STAFF COSTS
State Water Resources Control Board SLIC Program Invoice Number 42726 = \$3,514.22

TOTAL COST BENEFIT	
Area 7	= \$1,445 + \$467 + \$2,925 + \$6,000 + \$3,514.22 = \$14,352.22
Area 8	= \$1,445 + \$7,012 + \$43,870 + \$6,000 = \$58,327.00